

Training Course “Introduction to the programming and usage of the supercomputing resources in Jülich”

Thursday Nov 28th , 2019

13:00 - 13:30	Welcome and Introduction to JSC – Norbert Attig (JSC)
13:30 - 14:15	JURECA Cluster and Booster – Philipp Thörnig (JSC)
14:15 - 15:00	JUWELS – Introduction – Damian Alvarez (JSC) Bull Sequana Architecture – Thomas Knebel (Atos)
15:00 - 15:30	Break
15:30 - 16:15	Job Monitoring and User Portal – Sebastian Lühns (JSC)
16:15 - 17:00	Work load management with Slurm – Chrysovalantis Paschoulas (JSC)
17:00 - 17:30	JUST and IBM Spectrum Scale: Data management– Stephan Graf (JSC)
17:30	End of Day 1
17:35	Bus SB20 from Seecasino to Rurtalbahn and Aachen/Jülich

Friday, November 29th , 2019

08:30 - 09:45	HPC Software - Compiler and Tools - Michael Knobloch (JSC)
09:45 - 10:15	Break
10:15 - 10:45	HPC Software - Mathematical Libraries & Application Software Inge Gutheil (JSC)
10:45 - 11:15	Remote Visualisation - Herwig Zilken (JSC)
11:15 - 12:00	Deep Learning on Supercomputers – Fahad Khalid (JSC)
12:00 - 13:00	Lunch Break
13:00 - 13:45	Using GPU accelerators on JURECA and JUWELS – Andreas Herten (JSC)
13:45 - 14:15	Uniform Resource Access at JSC: UNICORE – Björn Hagemeier (JSC)
14:15 - 14:45	Break
14:45 - 15:15	ParTec Cluster Management – Frank Robel (ParTec)
15:15 - 16:30	JURECA and JUWELS – Tuning and Tweaks – Heinrich Bockhorst (Intel)
16:30	End of Day 2
16:47	Bus 219 from Seecasino to Rurtalbahn
16:47	Bus 220 from Seecasino to Jülich
16:47	Bus SB 20 from Seecasino to Aachen